

Amendments to the Claims: This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Original) A lithium ion conductive solid polymer electrolyte comprising a silylamide bond (a Si—N—Si bond) in a polymer skeleton.
2. (Original) A lithium ion conductive solid polymer electrolyte formed by the polymerization of a mixture consisting of an organic compound having at least one carbon—carbon double bond and a lithium silylamide compound.
3. (Original) The lithium ion conductive solid polymer electrolyte of claim 2, wherein the lithium silylamide compound is lithium bis(trimethylsilyl)amide.
4. (Original) A lithium secondary battery comprising a lithium ion conductive solid polymer electrolyte comprising a silylamide bond (a Si—N—Si bond) in a polymer skeleton.
5. (Currently Amended) The A-lithium secondary battery comprising of claim 4, wherein said a lithium ion conductive solid electrolyte is formed by the polymerization of a mixture consisting of an organic compound having at least one carbon-carbon double bond and a lithium silylamide compound.
6. (Previously Presented) The lithium secondary battery of claim 4, comprising a lithium ion conductive solid polymer electrolyte formed by the polymerization of a mixture consisting of an organic compound having at least one carbon—carbon double bond and a lithium silylamide compound, wherein the mixture is a prepolymer and is interposed between a positive electrode and a negative electrode for joining the electrodes together.
7. (Previously Presented) The lithium secondary battery of claim 4, comprising an electrode comprising a solid polymer electrolyte polymerized by the application of and drying of a mix comprising a mixture consisting of an organic compound having at least one carbon—carbon double bond and a lithium silylamide compound.
8. (Previously Presented) The lithium secondary battery of claim 5, comprising a lithium ion conductive solid polymer electrolyte formed by the polymerization of a mixture

consisting of an organic compound having at least one carbon—carbon double bond and a lithium silylamide compound, wherein the mixture is a prepolymer and is interposed between a positive electrode and a negative electrode for joining the electrodes together.

9. (Previously Presented) The lithium secondary battery of claim 5, comprising an electrode comprising a solid polymer electrolyte polymerized by the application of and drying of a mix comprising a mixture consisting of an organic compound having at least one carbon—carbon double bond and a lithium silylamide compound.

10. (Previously Presented) The lithium secondary battery of claim 6, comprising an electrode comprising a solid polymer electrolyte polymerized by the application of and drying of a mix comprising a mixture consisting of an organic compound having at least one carbon—carbon double bond and a lithium silylamide compound.

11. (Previously Presented) The lithium secondary battery of claim 8, comprising an electrode comprising a solid polymer electrolyte polymerized by the application of and drying of a mix comprising a mixture consisting of an organic compound having at least one carbon—carbon double bond and a lithium silylamide compound.